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22 DECEMBER 1999

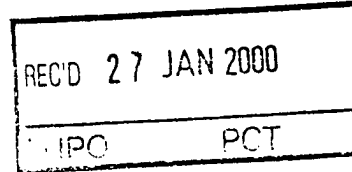
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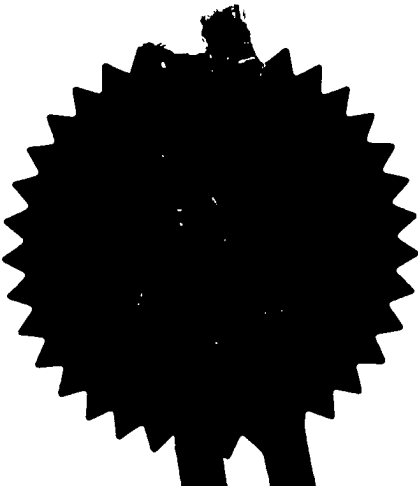
The Patent Office  
Concept House  
Cardiff Road  
Newport  
South Wales  
NP10 8QQ

I, the undersigned, being an officer duly authorised in accordance with Section 74(1) and (4) of the Deregulation & Contracting Out Act 1994, to sign and issue certificates on behalf of the Comptroller-General, hereby certify that annexed hereto is a true copy of the documents as originally filed in connection with the patent application identified therein.

In accordance with the Patents (Companies Re-registration) Rules 1982, if a company named in this certificate and any accompanying documents has re-registered under the Companies Act 1980 with the same name as that with which it was registered immediately before re-registration save for the substitution as, or inclusion as, the last part of the name of the words "public limited company" or their equivalents in Welsh, references to the name of the company in this certificate and any accompanying documents shall be treated as references to the name with which it is so re-registered.

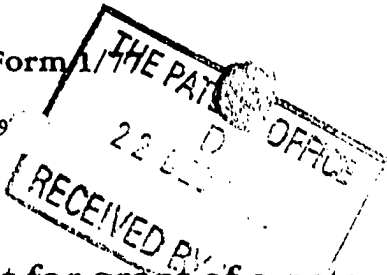
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Signed

Dated 11 January 2000



# Request for grant of a patent

(See the notes on the back of this form. You can also get an explanatory leaflet from the Patent Office to help you fill in this form)

The Patent Office

Cardiff Road  
Newport  
Gwent NP9 1RH

1. Your reference

11222/04

2. Patent application number

(The Patent Office will fill in this part)

22 DEC 1998

9828147.0

3. Full name, address and postcode of the or of each applicant (underline all surnames)

EASTMAN KODAK COMPANY,  
343 STATE STREET,  
ROCHESTER,  
NEW YORK 14650-2201,  
UNITED STATES OF AMERICA.

Patents ADP number (if you know it)

If the applicant is a corporate body, give the country/state of its incorporation

NEW JERSEY

4. Title of the invention PHOTOGRAPHIC COUPLERS HAVING IMPROVED IMAGE DYE LIGHT STABILITY

5. Name of your agent (if you have one)

H.C. HAILE

"Address for service" in the United Kingdom to which all correspondence should be sent (including the postcode)

KODAK LIMITED  
PATENTS  
HEADSTONE DRIVE  
HARROW, MIDDLESEX. HA1 4TY

Patents ADP number (if you know it)

6. If you are declaring priority from one or more earlier patent applications, give the country and the date of filing of the or of each of these earlier applications and (if you know it) the or each application number

Country

Priority application number  
(if you know it)

Date of filing  
(day / month / year)

7. If this application is divided or otherwise derived from an earlier UK application, give the number and the filing date of the earlier application

Number of earlier application

Date of filing  
(day / month / year)

8. Is a statement of inventorship and of right to grant of a patent required in support of this request? (Answer 'Yes' if:

- a) any applicant named in part 3 is not an inventor, or
- b) there is an inventor who is not named as an applicant, or
- c) any named applicant is a corporate body.

See note (d))

YES

**Patents Form 1/77**

9. Enter the number of sheets for any of the following items you are filing with this form. Do not count copies of the same document

Continuation sheets of this form

Description

1

Claim(s)

Abstract

Drawing(s)

10. If you are also filing any of the following, state how many against each item.

Priority documents

Translations of priority documents

Statement of inventorship and right to grant of a patent (Patents Form 7/77)

Request for preliminary examination and search (Patents Form 9/77)

Request for substantive examination (Patents Form 10/77)

Any other documents (please specify)

11.

I/We request the grant of a patent on the basis of this application.

Signature

H C Haile

Date

18 DEC 9

12. Name and daytime telephone number of person to contact in the United Kingdom

H C HAILE 0181 424 4419

**Warning**

*After an application for a patent has been filed, the Comptroller of the Patent Office will consider whether publication or communication of the invention should be prohibited or restricted under Section 22 of the Patents Act 1977. You will be informed if it is necessary to prohibit or restrict your invention in this way. Furthermore, if you live in the United Kingdom, Section 23 of the Patents Act 1977 stops you from applying for a patent abroad without first getting written permission from the Patent Office unless an application has been filed at least 6 weeks beforehand in the United Kingdom for a patent for the same invention and either no direction prohibiting publication or communication has been given, or any such direction has been revoked.*

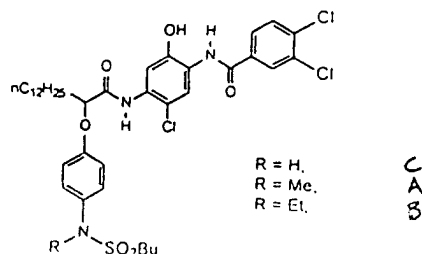
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- If you need help to fill in this form or you have any questions, please contact the Patent Office on 0645 500505.*
- Write your answers in capital letters using black ink or you may type them.*
- If there is not enough space for all the relevant details on any part of this form, please continue on a separate sheet of paper and write "see continuation sheet" in the relevant part(s). Any continuation sheet should be attached to this form.*
- If you have answered 'Yes' Patents Form 7/77 will need to be filed.*
- Once you have filled in the form you must remember to sign and date it.*
- For details of the fee and ways to pay please contact the Patent Office.*

# PHOTOGRAPHIC COUPLERS HAVING IMPROVED IMAGE DYE LIGHT STABILITY

## Summary of invention:

We have found that couplers containing an N-alkyl sulphonamide substituent in the ballast residue display superior image dye light stability relative to analogous couplers without the N-alkyl substituent. The practice of the invention is exemplified by the comparison of couplers A and B with C (see structures below)



When processed strips of coatings of a silver chloride emulsion with dispersions of each of the above three couplers in solvent (0.5x) were faded for 6 weeks at 50klux, the following density losses were observed:

Coated Dispersion	Density Loss from 1.0
C	-0.40
A	-0.27
B	-0.25
D	-0.31

Comparable data for a production dye D is also included. The advantage shown by the two N-alkylated examples A and B over both C and the product sample is clearly evident.

## Advantages:

Improved cyan image light stability

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